

Title (en)

Wireless telemetry using measurement of intervals between voltage pulses

Title (de)

Drahtlose Telemetrie durch Messung von Intervallen zwischen Spannungspulsen

Title (fr)

Télémétrie sans fil par mesure d'intervalles entre impulsions de tension

Publication

**EP 2541221 A3 20171206 (EN)**

Application

**EP 12173069 A 20120621**

Priority

- US 201161502843 P 20110629
- US 201113272939 A 20111013

Abstract (en)

[origin: EP2541221A2] According to techniques of this disclosure in various examples, a wireless signaling system may include a stationary element such as a stator and a non-stationary element such as a rotor. The stationary element includes a stationary element controller. The stationary element is configured to transmit a wireless signal comprising a pair of pulses. The non-stationary element comprising a non-stationary element controller. The non-stationary element is configured to receive the wireless signal from the stationary element controller, measure a transition in voltage of each of the pulses and a time interval between the pulses, and interpret a signal based on the transition in voltage of each of the pulses and the time interval between the pulses.

IPC 8 full level

**G01L 3/10** (2006.01)

CPC (source: EP US)

**G01L 3/10** (2013.01 - EP US)

Citation (search report)

- [X] US 2011133950 A1 20110609 - SUBRAMANIAN RAMESH [US], et al
- [X] US 2008160937 A1 20080703 - BAKER DOUGLAS M [US], et al
- [X] US 2009115627 A1 20090507 - DUFFY BRIAN P [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2541221 A2 20130102; EP 2541221 A3 20171206; EP 2541221 B1 20200408**; US 2013003820 A1 20130103; US 9746388 B2 20170829

DOCDB simple family (application)

**EP 12173069 A 20120621**; US 201113272939 A 20111013